

IN THE CLAIMS

1. (Currently amended) [A] An alcohol breath testing device housing for a breath tester for use by an operator to test a subject, the housing comprising:

a base to be gripped by ~~an~~ the operator and having a front edge and ~~an~~ opposite a back edge opposite said front edge;

a display oriented disposed on the front edge of the base;

a mouthpiece interface receiving a removable mouthpiece, said mouthpiece interface being oriented with respect to said base such that when the operator stands in front of the subject and [[a]] the subject blows into the mouthpiece, said display is in the direct line of view of the operator and not in the direct line of view of the subject;

the mouthpiece interface comprising a generally U-shaped channel sized to receive the mouthpiece therein, the mouthpiece being configured to be pivotally coupled with respect to into the mouthpiece interface;

a manual sample button located on the back edge of said base opposite the display; and

an alcohol sensor fluidly connected to the mouthpiece interface, the alcohol sensor being adapted to detect alcohol present in the subject from a breath sample obtained by the subject blowing into the mouthpiece.

2-3. Cancelled.

4. (Currently Amended) [[A]] An alcohol breath testing device housing in accordance with claim 1 wherein said housing comprises a first sidewall, an opposite second sidewall coupled to the first sidewall at the front edge and the back edge, a top surface, and a bottom surface, said mouthpiece interface being located on said top surface.

5. (Currently Amended) [[A]] An alcohol breath testing device housing in accordance with claim 4 wherein said mouthpiece interface is oriented such that when a mouthpiece is coupled thereto, the mouthpiece extends outward from said back edge.

6. (Currently amended) [[A]] An alcohol breath testing device housing in accordance with claim 5 wherein said mouthpiece interface is further oriented such that when the mouthpiece is coupled thereto, the mouthpiece extends at least one of obliquely from said top surface and substantially parallel to said top surface.

7. Cancelled.

8. (Currently amended) [[A]] An alcohol breath testing device housing in accordance with claim 10 further comprising at least one actuator for controlling illumination said interface.

9. (Currently amended) [[A]] An alcohol breath testing device housing in accordance with claim 1 wherein discard breath is not directed at the operator.

10. (Currently amended) [[A]] An alcohol breath testing device housing in accordance with claim 1 further comprising at least one of a light source for illuminating at least a portion of said interface, and an opening for light to pass from an interior of said housing to an exterior of said housing for illuminating at least a portion of said interface.

11. (Currently amended) [[A]] An alcohol breath testing device housing in accordance with claim 1 further comprising a mouthpiece ejector for facilitating removal of a mouthpiece from said housing.

12. (Currently amended) [[A]] An alcohol breath testing device housing in accordance with claim 4 wherein said first and second sidewalls of the housing are symmetrical.

13-22. Cancelled.

23. (Currently amended) [[A]] An alcohol breath tester housing assembly for a breath tester comprising:

a housing comprising a base, a display, and a mouthpiece interface, said base being adapted to be gripped by an operator during testing, said display being oriented with respect to disposed on said housing to be in line with an operator's direct line of view while gripping said base;

a mouthpiece configured to be removably coupled to said mouthpiece interface, said mouthpiece comprising an elongate body comprising at least one substantially planar surface, an open end, and a closed end, the closed end and substantially planar surface of the mouthpiece being placed against the ~~stop~~ mouthpiece interface in a testing position; and

an alcohol sensor in fluid communication with the mouthpiece and the mouthpiece interface, the alcohol sensor being adapted to detect alcohol present in a subject from a breath sample obtained by the subject blowing into the mouthpiece.

24. (Currently amended) [[A]] An alcohol breath tester housing assembly in accordance with claim 23 wherein said housing further comprises at least one actuator for controlling operation of the breath tester.

25. (Currently amended) [[A]] An alcohol breath tester housing assembly in accordance with claim 24 wherein said at least one actuator comprises a manual sample button located on an edge of said housing base that is opposite an edge where said display is located, such that when an operator stands with the subject and said display in the operator's direct field of view, the operator may at any time press said manual sample button without compromising the operator's grip on said base.

26. (Currently amended) [[A]] An alcohol breath tester housing assembly in accordance with Claim 23 wherein said housing comprises a front edge, a back edge, a first sidewall, an opposite second sidewall coupled to the first sidewall at the front edge and the back edge, said display located on said front edge, said mouthpiece interface located on said top surface.

27. (Currently amended) [[A]] An alcohol breath tester housing assembly in accordance with claim 26 wherein said mouthpiece interface is oriented with respect to said housing such that said mouthpiece extends outward from said back edge of the housing when said mouthpiece is coupled to said mouthpiece interface.

28. (Currently amended) [[A]] An alcohol breath tester housing assembly in accordance with claim 26 wherein said mouthpiece interface is further oriented such that

when the mouthpiece is coupled thereto, the mouthpiece extends at least one of obliquely from said top surface and substantially parallel to said top surface.

29. (Currently amended) [[A]] An alcohol breath tester housing assembly in accordance with claim 23 wherein said mouthpiece is further oriented with respect to said housing such that discard breath discharged from said mouthpiece is not directed at the operator.

30. Cancelled.

31. (Currently amended) [[A]] An alcohol breath tester housing assembly in accordance with claim 32 wherein said housing further comprises at least one actuator for controlling illumination of said interface.

32. (Currently amended) [[A]] An alcohol breath tester housing assembly in accordance with claim 23 wherein said mouthpiece interface further comprises at least one of a light source for illuminating at least a portion of said interface, and an opening for light to pass from an interior of said housing to an exterior of said housing for illuminating at least a portion of said interface.

33. (Currently amended) [[A]] An alcohol breath tester housing assembly in accordance with claim 23 wherein said housing further comprises a mouthpiece ejector for facilitating removal of said mouthpiece from said housing.

34. (Currently amended) [[A]] An alcohol breath tester housing assembly in accordance with claim 23 wherein a portion of said mouthpiece has a selected cross-sectional shape, said selected cross-sectional shape being one of: a D-shaped cross-sectional shape and a V-shaped cross-sectional shape.

35. (Currently amended) [[A]] An alcohol breath tester housing assembly in accordance with claim 23 wherein said body further comprising at least one port so that air blown into said body can pass through said port.

36. (Currently amended) [[A]] An alcohol breath tester housing assembly for a breath tester comprising:

a housing comprising a base and a display, said base being configured to be gripped by an operator during testing, said display being oriented with respect to said housing to be in line with the operator's direct line of view while gripping said base and while the operator stands in front of a subject in a sideways stance;

a mouthpiece configured to be removably coupled to said housing and to extend obliquely from said housing, said mouthpiece being configured to be pivotally coupled to said housing; and

an alcohol sensor in fluid communication with the mouthpiece, the alcohol sensor being adapted to detect alcohol present in the subject by the subject from a breath sample obtained blowing into the mouthpiece.

37. (Currently amended) [[A]] An alcohol breath tester housing assembly in accordance with claim 36 wherein said housing further comprises a mouthpiece interface sized to receive said mouthpiece in sealing contact therein.

38. (Currently amended) [[A]] An alcohol breath tester housing assembly in accordance with claim 37 wherein said mouthpiece interface comprises at least one of a light source for illuminating at least a portion of said interface, and an opening for light to pass from an interior of said housing to an exterior of said housing for illuminating at least a portion of said interface.

39. (Currently amended) [[A]] An alcohol breath tester housing assembly in accordance with claim 38 wherein said housing further comprises at least one actuator for controlling illumination of said mouthpiece interface.

40. Cancelled.

41. (Currently amended) [[A]] An alcohol breath tester housing assembly in accordance with claim 38 wherein said mouthpiece is further oriented with respect to said housing such that discard breath discharged from said mouthpiece is not directed at the operator.

42. (Currently amended) [[A]] An alcohol breath tester housing assembly in accordance with claim 36 wherein said mouthpiece comprises at least one of a tube and a funnel.

43. (Currently amended) [[A]] An alcohol breath tester housing assembly in accordance with claim 36 wherein said housing comprises at least one actuator for controlling operation of the breath tester, said at least one actuator being located on an edge of said housing base that is opposite an edge where said display is located, such that when the operator stands with the subject and said display in the operator's direct field of view, the operator may at any time press said at least one actuator without compromising the operator's grip on said base.

44. (Currently amended) [[A]] An alcohol breath tester housing assembly in accordance with claim 36 wherein said mouthpiece interface being sized and shaped to facilitate positioning said mouthpiece in proper alignment with respect to said housing.

45. (Currently amended) [[A]] An alcohol breath tester housing assembly in accordance with claim 37 36 wherein said mouthpiece has a selected cross-sectional shape, said selected cross-sectional shape being one of: a D-shaped cross-sectional shape and a V-shaped cross-sectional shape.

46. (Currently amended) [[A]] An alcohol breath tester housing assembly in accordance with claim 36 wherein said mouthpiece comprises a body having a first end and a second end, said first end of said mouthpiece body being closed and the second end of said body being open to enable the subject being tested to blow air into said body, said first end having a semi-circular cross-sectional profile.

47-60. Cancelled.

61. (Currently amended) [[A]] An alcohol breath testing device comprising:

a base to be gripped by either hand of an operator and having a front edge and an opposite back edge;

a display oriented disposed on the front edge and configured for alignment with the operator's direct line of view while gripping the base during use of the breath testing device;

a removable mouthpiece extending away from the display, the mouthpiece including at least one port for channeling air blown into the mouthpiece by a subject into the breath testing device and a discard breath outlet oriented such that discard breath is not directed at the operator of the breath testing device during testing when the operator views the display;

a mouthpiece interface for receiving the removable mouthpiece, said mouthpiece being configured to pivotally couple with the mouthpiece interface, the mouthpiece interface and mouthpiece being oriented with respect to the base such that, when the operator holds the base in either hand and stands in front of the subject, and the subject blows into the mouthpiece, the display is not in the direct line of view of the subject; and

an alcohol sensor in fluid communication with the mouthpiece and mouthpiece interface, the alcohol sensor being adapted to detect alcohol present in the subject from a breath sample obtained by the subject blowing into the mouthpiece.